Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of	)	
	)	
Revision of the Commission's Rules	)	CC Docket No. 94-102
to Ensure Compatibility with Enhanced	)	
E911 Emergency Calling Systems	)	
	)	

To: The Wireless Telecommunications Bureau

Carrier Report of Arctic Slope Telecommunications and Cellular, Inc. Regarding Implementation of Wireless E911 Phase II Automatic Location Identification

In response to a December 6, 2000 letter from the Chief of the Wireless Telecommunications Bureau,[1] Arctic Slope Telecommunications and Cellular, Inc. ("Arctic Slope") hereby submits a report regarding implementation of wireless E911 Phase II Automatic Location Identification ("ALI"), in compliance with the Federal Communications Commission's ("FCC" or "Commission") Further Memorandum Opinion and Order in the above-captioned proceeding.

I. Background / Contact Information

Arctic Slope serves the North Slope of Alaska and its contact information is as follows:

James O. Wickham
Chief Technology Officer

TRS # 803716
Arctic Slope Telephone Association Cooperative
4300 B Street, Suite 501
Anchorage, Alaska 99503
Telephone Number 907-564-2650
Facsimile 907-563-1932
E-Mail jim@astac.net

[1] The December 6, 2000 letter was addressed to Blackwater Cellular Corporation, but mailed to Arctic Slope's address. The letter states that Blackwater Cellular Corporation failed to submit the required report, and mandates that it submit such report within 15 days of the date of the letter. While Arctic Slope and Blackwater Cellular Corporation are wholly unrelated entities, Arctic Slope recognizes that it failed to file its report on November 9, 2000, and accordingly, does so now.

II. E911 Phase II Location Technology Information

Arctic Slope has chosen a handset-based solution for its Phase II ALI technology. Arctic Slope plans to use Tendler Cellular (65 Atlantic Avenue, Boston, MA 02110) as its vendor. The handset technology is called "FoneFinder." The cellular instrument transmits GPS location data via a synthesized voice and DTMF tones over the voice channel direct to a PSAP or dispatch office using Arctic Slope's existing network. Arctic Slope plans to use the same technology throughout its service area.

III. Testing and Verification

The properly equipped cellular phones will be tested. The PSAP will be equipped with a Delorme map and a DTMF decoder. Tests will include and validate operation and accuracy to within three meters.

IV. Implementation Details and Schedule

Arctic Slope plans to begin activating ALI-capable handsets in September 2001. On or before September 2002, Arctic Slope anticipates that 100 percent of new handset activations will be ALI-capable.

V. PSAP Interface

Arctic Slope has yet to receive a Phase II PSAP request. Arctic Slope expects to make significant software and hardware changes in order to transmit Phase II data to PSAPs. However, the majority of the transmission details remain up to the PSAP.

VI. Handset Information

Prior to the initialization of its ALI program, Arctic Slope will identify incompatible handsets and replace them through a joint arrangement between the customer and Arctic Slope. Arctic Slope will then review its customer handsets in service during October 2001 so that it can implement a replacement program, with costs shared by Arctic Slope and the customers, during 2002. Arctic Slope's replacement strategy may be affected by the cost of the ALI-capable handsets. Arctic Slope is in contact with Tendler regarding incompatible handsets used by non-Arctic Slope customers.

VII. Other Information

Arctic Slope notes that the remote and rural nature of its service territory in the North Slope of Alaska can present additional and unforeseen problems when installing and testing location technology.

December 19, 2000